

~~(B) "CERTIFIED NUTRIENT APPLICATOR" MEANS AN INDIVIDUAL WHO IS CERTIFIED BY THE DEPARTMENT TO MANAGE THE APPLICATION OF ANIMAL WASTE, COMMERCIAL FERTILIZER, SLUDGE, OR OTHER NUTRIENTS TO SOIL IN A MANNER THAT PREVENTS POLLUTION AND MAINTAINS AGRICULTURAL PRODUCTIVITY.~~

~~(b)(c)~~ "Certified nutrient management consultant" means an individual certified by the Department to prepare a nutrient management plan.

~~(c)(d)~~ "Nutrient management plan" means a plan prepared under this subtitle by a certified nutrient management consultant to manage the amount, placement, timing, and application of animal waste, commercial fertilizer, sludge, or other plant nutrients to prevent pollution BY TRANSPORT OF POTENTIALLY BIOAVAILABLE NUTRIENTS and to maintain productivity.

~~(E) "SOIL TEST" MEANS AN ANALYSIS OF THE SURFACE LAYER OF SOIL THAT DETERMINES EXISTING LEVELS AND CHEMICAL FORMS OF PLANT NUTRIENTS IN THE SOIL.~~

8-801.1.

(A) (1) EACH NUTRIENT MANAGEMENT PLAN SHALL BE DEVELOPED CONSIDERING FACTORS INCLUDING:

~~(1)~~ (I) LEVELS OF POTENTIALLY BIOAVAILABLE NITROGEN AND PHOSPHORUS IN THE SOIL;

~~(2)~~ (II) LEVELS OF POTENTIALLY BIOAVAILABLE NITROGEN AND PHOSPHORUS IN ALL FERTILIZER MATERIALS TO BE APPLIED;

~~(3)~~ (III) THE AMOUNT OF NITROGEN AND PHOSPHORUS NECESSARY TO ACHIEVE THE EXPECTED CROP YIELD FOR THE LAND THAT IS THE SUBJECT OF THE NUTRIENT MANAGEMENT PLAN, AS DETERMINED BY:

~~(4)~~ 1. THE FIELD'S ACTUAL YIELD RECORD AND SOIL PRODUCTIVITY FOR THAT CROP; OR

~~(4)~~ 2. IF INFORMATION CONCERNING ACTUAL YIELD RECORD AND SOIL PRODUCTIVITY FOR A CROP IS UNAVAILABLE, RELEVANT INFORMATION CONCERNING SIMILAR FIELDS AND SOIL;

~~(4)~~ (IV) SOIL ERODIBILITY AND NUTRIENT RETENTION CAPACITY;

~~(5)~~ PHYSICAL CHARACTERISTICS, INCLUDING DISTANCE AND TOPOGRAPHY;

~~(V)~~ THE BEST REASONABLE SCIENTIFIC METHODS ACCEPTED BY THE DEPARTMENT AND THE UNIVERSITY OF MARYLAND COOPERATIVE EXTENSION SERVICE; AND

~~(6)~~ (VI) EXISTING BEST MANAGEMENT PRACTICES;